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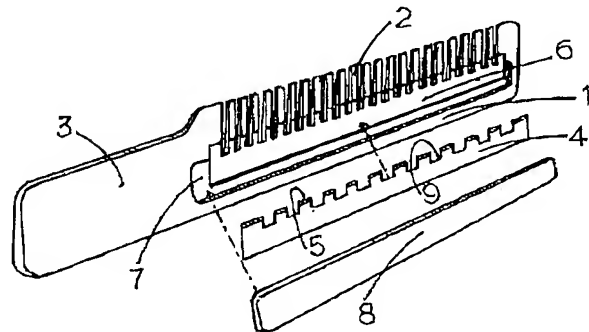
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(54)【考案の名称】 梳き鋏の作用をもつ櫛形ヘアカットレザー

(57)【要約】

【目的】 切刃に切り欠き部を設けて梳き鋏の作用をもたせる。又、櫛歯の切り込み部分の長短により切刃に切り欠き部を設けなくとも梳き鋏の作用をもたせる事ができる。

【構成】 櫛歯2を突設した本体1の厚さ方向の中心部に本体1の長さ方向と平行になるよう刃体4を嵌め込む凹陥部6とその外側面に蓋片8を嵌め込む凹陥部7を設け、切り欠き部9を設けた刃体4を凹陥部6に嵌め込んだ後に蓋片8を凹陥部7に嵌合させ溶着する。又、櫛歯2'の谷部10と櫛歯2'の二股部分の谷部11に、深浅の差を設けた本体1'の厚さ方向の中心部に本体1'の長さ方向と平行に、しかも櫛歯2'の谷部10と櫛歯2'の二股部分の谷部11の中間の位置に切刃先端5'が合致するよう刃体4'を嵌め込む凹陥部6'とその外側面に蓋片8'を嵌め込む凹陥部7'を設け刃体4'を凹陥部6'に嵌め込んだ後に蓋片8'を凹陥部7'に嵌合させ溶着する。



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## 【実用新案登録請求の範囲】

【請求項1】 櫛歯と櫛歯の間の歯基近傍に毛髪をカットする為の刃体を備えたヘアカットレザーにおいて、刃体先端の切刃に切り欠き部を設けることにより、切刃を備えた櫛歯間と切刃を備えていない櫛歯間を交互に配置したことを特徴とする、梳き鉄の作用をもつ櫛形ヘアカットレザー

【請求項2】 櫛歯の基部を幅広にするとともに先端を二股に形成し、この二股部分の切り込みは櫛歯と櫛歯の間の切り込みよりも浅くした櫛歯において、刃体先端の切刃は直線状としたものを用いて、二股部分を除く全部の櫛歯間に切刃を備えたことを特徴とする実用新案登録請求の範囲第1項記載の梳き鉄の作用をもつ櫛形ヘアカットレザー

\*

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## \*【図面の簡単な説明】

【図1】 第一実施例の正面図である。

【図2】 同じくX-X線拡大断面図である。

【図3】 同じくY-Y線拡大断面図である。

【図4】 同じく刃体の内装方法を示す斜視図である。

【図5】 第二実施例の正面図である。

【図6】 同じくX'-X'線拡大断面図である。

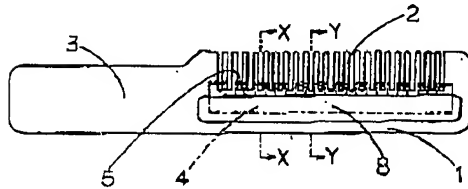
【図7】 同じくY'-Y'線拡大断面図である。

【図8】 同じく刃体の内装方法を示す斜視図である。

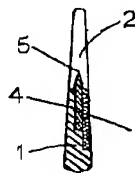
## 10 【符号の説明】

第一実施例における 1 本体、2 櫛歯、3 把手、4 刃体、8 蓋片。第二実施例における 1' 本体、2' 櫛歯、3' 把手、4' 刃体、8' 蓋片。

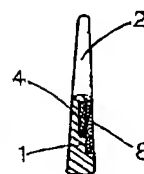
【図1】



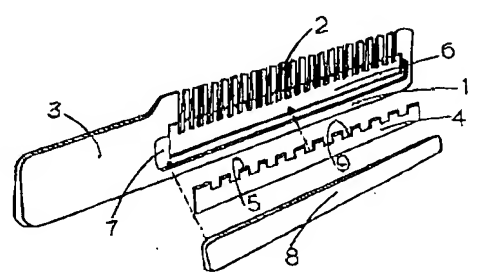
【図2】



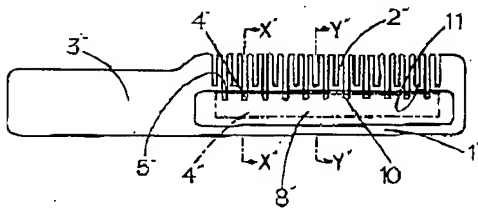
【図3】



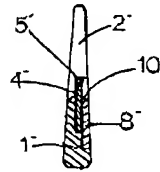
【図4】



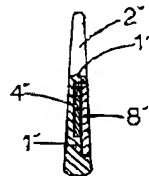
【図5】



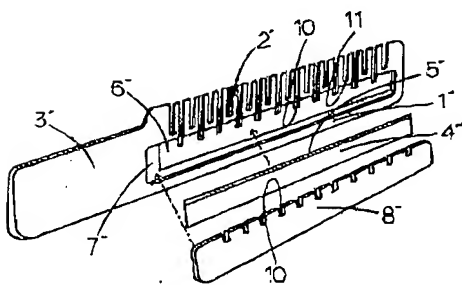
【図6】



【図7】



【図8】



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**【考案の詳細な説明】****【0001】****【産業上の利用分野】**

本考案はヘアカットレザーに関し、より詳細には梳き鋏と同じ作用が得られるようにしたものである。

**【0002】****【従来技術】**

従来、ヘアカットレザーとして簡単なものは、同一方向に延びる櫛歯と櫛歯の間の歯基近傍に毛髪をカットする為の刃体を備えて、櫛で髪を梳く要領で使用するにより、櫛歯と櫛歯の間の刃体に設けられた切刃によって髪が切断されるものがあった。

**【0003】****【考案が解決しようとする課題】**

ところが、櫛歯と櫛歯の間ごとに毛髪をカットする為の切刃が備えられているのでこの櫛歯間で梳かれる髪は長さの差はあっても最終的には全部切断されてしまい部分的にカットされない髪を残したい場合、例えば、梳き鋏でのカットでは毛髪は櫛状刃部と対向刃部とで切断され、櫛状刃部を形成する刃間隙に逃げた毛髪は切断されないが、このように切断されない毛髪を残すということは、櫛歯と櫛歯の間ごとに切刃を備えていてはできない。

**【0004】**

本考案の目的は、高価な梳き鋏を用いることなく梳き鋏の作用の得られるヘアカットレザーを提供することにある。

**【0005】****【課題を解決するための手段】**

第一の考案は櫛歯と櫛歯の間の歯基近傍に毛髪をカットする為の刃体を備えたヘアカットレザーにおいて、刃体先端の切刃に切り欠き部を設けることにより、切刃を備えた櫛歯間と切刃を備えていない櫛歯間を交互に配置したことを要旨とするものである。第二の考案は前記櫛歯の歯基を幅広にするとともに先端を二股に形成し、この二股部分の切り込みは櫛歯と櫛歯の間の切り込みよりも浅くし

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た櫛歯において、切り欠き部を設けない直線状の切刃により、全部の櫛歯間に切刃を備えたことを要旨とするものである。

【0006】

【作用】

このように構成された第一の考案は、カットしたい部分の髪を櫛を使う要領で梳く場合、髪をカットする切刃を備えた櫛歯間と切刃を備えていない櫛歯間が交互に配置されているので、切刃を備えている櫛歯間で梳かれる髪は最終的には全部切断されるが、切刃を備えていない櫛歯間で梳かれる髪はまったく切断されることはなく、梳き缺で髪を梳く場合と同様に切断される髪と切断されない髪がでてくる。

第二の考案は、前記櫛歯の歯基を幅広にするとともに先端を二股に形成し、この二股部分の切り込みは櫛歯と櫛歯の間の切刃を備えた切り込みよりも浅くしているので切刃には到達しない、従って、全部の櫛歯間に切刃を備えていても二股部分の切り込みには切刃がなく、第一の考案と同様に切刃を備えた櫛歯間と二股部分で形成された切刃を備えていない櫛歯間が交互に配置されたことになる。

【0007】

【実施例】

以下、この考案の第一実施例を図面1, 2, 3, 4に基づき説明する。

図1は正面図、図2は図1のX-X線拡大断面図、図3は図1のY-Y線拡大断面図であり、図4は刃体の内装方法を示す斜視図である。図面において1は本体でその厚さ方向の中心部に長さ方向と平行に金属製の刃体4を内装している、2は櫛歯で本体1の側縁に同一方向に等間隔に突設されており、本体1の長手方向の延長部に把手3を一体として設けられた合成樹脂製からなる。

【0008】

前記金属製の刃体4は短冊形の薄鋼板からなり、長さ方向の一端に鋭利な切刃5が施されるとともに櫛歯2と櫛歯2の間において一つ置きに切刃5が備えられる位置に等間隔に切り欠き部9が設けられている。

【0009】

さて、本体1に刃体4を取着するには第4図で示すように本体1の厚さ方向の

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中心部に長さ方向と平行に刃体4を嵌めるための凹陷部6と、その外側面に刃体4を固定する蓋片8の嵌まる凹陷部7を二段に設け、凹陷部6に刃体4を嵌めた後に凹陷部7に蓋片8を嵌め込み接着剤または、超音波溶接により溶着一体とする。このとき刃体4の切刃5には櫛歯2と櫛歯2の間において一つ置きに切刃5が備えられる位置に等間隔に切り欠き部9が設けられているので全部の櫛歯間に切刃5があらわれるのではなく、切刃5を備えた櫛歯間と切刃5を備えていない櫛歯間が交互に配置されたことになる。

## 【0010】

また他の方法として合成樹脂本体の成型時に金型に刃体4を挿入し、型締め後に合成樹脂を流して一体に成型しても良い。

## 【0011】

次に、第二実施例について図面、5、6、7、8に基づき説明する。

図5は正面図、図6は図5のX'-X'線拡大断面図、図7は図5のY'-Y'線拡大断面図、であり、図8は刃体の内装方法を示す斜視図である。図面において1'は本体でその厚さ方向の中心部に長さ方向と平行に金属製の刃体4'を内装している、2'は櫛歯で本体1'の側縁に同一方向に等間隔に突設されているが、歯基を幅広にするとともに先端を二股に形成し、この二股部分の切り込みは櫛歯2'と櫛歯2'の間の切り込みよりも浅く、本体1'の長手方向の延長部には把手3'を一体として設けられた合成樹脂製からなる。

## 【0012】

前記金属製の刃体4'は短冊形の薄鋼板からなり、長さ方向の一端に鋭利な切刃5'が施されている。

## 【0013】

さて、本体1'に刃体4'を取着するには第8図で示すように第一実施例と全く同じであり、本体1'の厚さ方向の中心部に長さ方向と平行に刃体4'を嵌めるための凹陷部6'と、その外側面に刃体4'を固定するための蓋片8'の嵌まる凹陷部7'を二段に設け、凹陷部6'に刃体4'を嵌めた後に、凹陷部7'に蓋片8'を嵌め込み接着剤または、超音波溶接により溶着一体とする、櫛歯2'の谷部10と櫛歯2'の先端の二股部分の谷部11の中間に刃体4'の切刃5'

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が本体1'の長さ方向と平行となるように内装されているので正面から見て櫛歯2'と櫛歯2'の間には刃体4'の一部分が認められるが櫛歯2'の先端の二股部分にまでは刃体4'は達していないので二股部分を除く全部の櫛歯間に切刃5'が備えられていても二股の切り込みが切刃5'を備えていない櫛歯間に相当し、切刃5'を備えた櫛歯間と切刃5'を備えていない櫛歯間が交互に配置されたことになる。

#### 【0014】

次に、このように構成されたヘアーカットレザーの作用を説明する。

第一の考案にあっては、刃体4の切刃5に切り欠き部9を設けることにより、切刃5を備えた櫛歯間と切刃5を備えていない櫛歯間を交互に配置してあるので切刃5を備えている櫛歯間で梳かれる髪は最終的に全部切断されるが、切刃5を備えていない櫛歯間で梳かれる髪は全く切断されることなく、梳き鋏で髪を梳く場合と同様に切断される髪と切断されない髪がでてくる。

#### 【0015】

第二の考案にあっては、歯基を幅広とした櫛歯2'の先端を二股に形成し、この二股の切り込み部分は櫛歯2'と櫛歯2'の間の切り込み部分よりも浅くして、櫛歯2'の谷部10と櫛歯2'の先端の二股部分の谷部11の中間に、直線状の切刃5'が位置するように内装されているので、切り込みの浅い二股部分の谷部11は切刃5'を備えていない櫛歯間に、また、切り込みの深い櫛歯2'と櫛歯2'の間の谷部10は切刃5'を備えている櫛歯間に相当し、前述した梳き鋏で髪を梳く場合と同様に切断される髪と切断されない髪がでてくる。

#### 【0016】

#### 【考案の効果】

以上、詳述したように本考案によれば簡単に使用でき、しかも高価な梳き鋏を用いることなく梳き鋏の作用が得られるばかりか、第二の考案にあっては切刃の切り欠き部を省いて極力製造コストを低くし、安価に提供できる等、数々の優れた効果を奏する。

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CLAIMS

[Utility model registration claim]

[Claim 1] The Kushigata hair cut leather with an operation of \*\*\*\*\* characterized by having arranged by turns between the ctenidiums which are not equipped with the cutting edge between the ctenidiums equipped with the cutting edge by preparing the notching section in the cutting edge at the tip of a blade in the hair cut leather equipped with the blade for cutting hair near the gear-tooth machine between ctenidiums [claim 2] In the ctenidium to which the tip was formed in two forks and slitting for these two crotches made it shallower than slitting between ctenidiums while making the base of a ctenidium broad The cutting edge at the tip of a blade is the Kushigata hair cut leather with an operation of \*\*\*\*\* given in the 1st term of a utility model registration claim characterized by having a cutting edge among all the ctenidiums except a part for two crotches using what was made into the shape of a straight line.

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[Translation done.]

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DETAILED DESCRIPTION

[Detailed explanation of a design]

[0001]

[Industrial Application]

As for this design, the operation more same in a detail as \*\*\*\*\* is acquired about a hair cut leather.

[0002]

[Description of the Prior Art]

Conventionally, the easy thing as a hair cut leather had some from which hair is cut by the cutting edge prepared in the blade between ctenidiums by having a blade for cutting hair near the gear-tooth machine between the ctenidiums and ctenidiums which are prolonged in the same direction, and using hair in a \*\*\* way with a comb.

[0003]

[Problem(s) to be Solved by the Device]

However, when you want to leave the hair which will all finally be cut and is not partially cut even if \*\*\*\*\* has the difference of die length between this ctenidium, since it has the cutting edge for cutting hair for between [ every ] a ctenidium and ctenidiums, For example, if it has the cutting edge for between [ every ] a ctenidium and ctenidiums, it cannot perform leaving the hair which is not cut in this way, although hair is cut by the pectinate form cutting part and the opposite cutting part and the hair which escaped in the cutting-edge gap which forms a pectinate form cutting part is not cut in the cut by \*\*\*\*\*.

[0004]

The purpose of this design is to offer the hair cut leather with which an operation of \*\*\*\*\* is acquired, without using expensive \*\*\*\*\*.

[0005]

[Means for Solving the Problem]

The first design makes it a summary to have arranged by turns between the ctenidiums which are not equipped with the cutting edge between the ctenidiums equipped with the cutting edge by preparing the notching section in the cutting edge at the tip of a blade in the hair cut leather equipped with the blade for cutting hair near the gear-tooth machine between ctenidiums. While the second design makes the gear-tooth machine of said ctenidium broad, a tip is formed in two forks and let it be a summary to have had the cutting edge among all ctenidiums by the cutting edge of the shape of a straight line which does not prepare the notching section in the ctenidium which made slitting for these two crotches shallower than slitting between ctenidiums.

[0006]

[Function]

Thus, although \*\*\*\*\* is all finally cut between ctenidiums equipped with the cutting edge since it is arranged by turns, between the ctenidiums which are not equipped with the cutting edge between the ctenidiums equipped with the cutting edge which cuts hair the \*\*\*\* case in the way using a comb for the hair of a part to cut the first constituted design \*\*\*\*\* is not cut at all between the ctenidiums which are not equipped with the cutting edge, and the hair cut like a \*\*\*\* case and the hair which is not cut come out of hair by \*\*\*\*\*.

The second design forms a tip in two forks while making the gear-tooth machine of said ctenidium broad. Since slitting for these two crotches is made shallower than slitting equipped with the cutting edge between ctenidiums, do not reach a cutting edge. Therefore, it means that there is no cutting edge in slitting for two crotches even if it has the cutting edge among all ctenidiums, and between the ctenidiums which are not equipped with the cutting edge formed by part for two crotches was arranged by turns between the ctenidiums equipped with the cutting edge like the first design.

[0007]

[Example]

Hereafter, the first example of this design is explained based on drawings 1, 2, 3, and 4.

Drawing 1 is [ X-X-ray expanded sectional view of drawing 1 and drawing 3 of a front view and drawing 2 ] the Y-Y line expanded sectional views of drawing 1 , and drawing 4 is the perspective view showing the interior approach of a blade. 2 to which 1 is carrying out the interior of the metal blade 4 to the die-length direction and parallel by the body in the drawing in the core of the thickness direction protrudes on the side edge of a body 1 at equal intervals in the same direction by the ctenidium, and it consists of a product made of synthetic resin in which the handle 3 was formed by the extension of the longitudinal direction of a body 1 as one.

[0008]

Said metal blade 4 consists of rectangular sheet steel, and while the sharp cutting edge 5 is given to the end of the die-length direction, the notching section 9 is formed in the location where it has a cutting edge 5 alternately between a ctenidium 2 and a ctenidium 2 at equal intervals.

[0009]

Now, after forming the cavity 6 for inserting a blade 4 in the die-length direction and parallel in the core of the thickness direction of a body 1 as shown in Fig. 4 for attaching a blade 4 in a body 1, and the cavity 7 into which the piece 8 of a lid which fixes a blade 4 to the lateral surface fits in two steps and inserting a blade 4 in a cavity 6, the piece 8 of a lid is inserted in a cavity 7, and it considers as joining one by adhesives or ultrasonic welding. It means that a cutting edge 5 appears among [ not all ] ctenidiums since the notching section 9 is formed in the location where the cutting edge 5 of a blade 4 is alternately equipped with a cutting edge 5 between a ctenidium 2 and a ctenidium 2 at this time at equal intervals, but between the ctenidiums which are not equipped with the cutting edge 5 was arranged by turns between the ctenidiums equipped with the cutting edge 5.

[0010]

Moreover, a blade 4 may be inserted in metal mold as other approaches at the time of molding of a synthetic-resin body, synthetic resin may be poured to the mold clamp back, and you may cast to one.

[0011]

Next, the second example is explained based on a drawing, and 5, 6, 7 and 8.

it comes out, and it is and drawing 5 is [ the X'-X' line expanded sectional view of drawing 5 and drawing 7 of a front view and drawing 6 ] the Y'-Y' line expanded sectional view of drawing 5, and a perspective view in which drawing 8 shows the interior approach of a blade. Although 2' to which 1' is carrying out the interior of metal blade 4' to the die-length direction and parallel by the body in the drawing in the core of the thickness direction protrudes on the side edge of body 1' at equal intervals in the same direction by the ctenidium Forming a tip in two forks, while making a gear-tooth machine broad, slitting for these two crotches is shallower than slitting between ctenidium 2' and ctenidium 2', and becomes the extension of the longitudinal direction of body 1' from the product made of synthetic resin in which handle 3' was prepared as one.

[0012]

said metal blade 4' — from rectangular sheet steel — becoming — a cutting edge sharp at the end of the die-length direction — 5' is given.

[0013]

Now, cavity 6' for it being completely the same as the first example, as shown in Fig. 8 for attaching blade 4' in body 1', and inserting blade 4' in the die-length direction and parallel in the core of the thickness direction of body 1'. After preparing cavity 7' into which piece of lid 8' for fixing blade 4' to the lateral surface fits in two steps and inserting blade 4' in cavity 6', piece of lid 8' is inserted in cavity 7'. Adhesives Or consider as joining one by ultrasonic welding. the two forks at the trough 10 of ctenidium 2', and the tip of ctenidium 2' — the middle of the trough 11 of a part — the cutting edge of blade 4', since interior is carried out so that 5' may become parallel to the die-length direction of body 1' It corresponds between the ctenidiums which are not equipped with 5'. although it sees from a transverse plane and a part of blade 4' is accepted between ctenidium 2' and ctenidium 2' — the two forks at the tip of ctenidium 2' — since blade 4' has not reached a part — two forks — between all the ctenidiums except a part — a cutting edge — even if it has 5' — forked slitting — a cutting edge — a cutting edge — between the ctenidiums equipped with 5', and a cutting edge — it means that between the ctenidiums which are not equipped with 5' was arranged by turns

[0014]

Next, an operation of the hair out leather constituted in this way is explained.

Although \*\*\*\*\* is all finally cut between ctenidiums equipped with the cutting edge 5 since between the ctenidiums which are not equipped with the cutting edge 5 between the ctenidiums equipped with the cutting edge 5 by forming the notching section 9 in the cutting edge 5 of a blade 4 is arranged by turns if it is in the first design The hair cut like a \*\*\*\*\* case and the hair which is not cut come out of hair by \*\*\*\*\* between the ctenidiums which are not equipped with the cutting edge 5, without completely cutting \*\*\*\*\*.

[0015]

If it is in the second design, form in two forks the tip of ctenidium 2' which made the gear-tooth machine broad, and this forked slitting part makes it shallower than the slitting part between ctenidium 2' and ctenidium 2'. the two forks at the trough 10 of ctenidium 2', and the tip of ctenidium 2' — the middle of the trough 11 of a part — a straight-line-like cutting edge, since interior is carried out so that 5' may be located the shallow two forks of slitting — the trough 11 of a part — a cutting edge — between the ctenidiums which are not equipped with 5' — moreover, the trough 10 between deep ctenidium 2' of slitting, and ctenidium 2' — a cutting edge — it corresponds between ctenidiums equipped with 5', and the hair cut like a \*\*\*\*\* case and the hair which is not cut come out of hair by \*\*\*\*\* mentioned above.

[0016]

[Effect of the Device]

As mentioned above, if it is in about [ that an operation of \*\*\*\*\* is acquired ], and the second design according to this design, without being able to use it easily and moreover using expensive \*\*\*\*\* as explained in full detail, the notching section of a cutting edge is excluded, a manufacturing cost is made low as much as possible, and the effectiveness which was excellent in many is done so — it can provide cheaply.

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- 1.This document has been translated by computer. So the translation may not reflect the original precisely.
- 2.\*\*\* shows the word which can not be translated.
- 3.In the drawings, any words are not translated.

DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]

[Drawing 1] It is the front view of the first example.

[Drawing 2] Similarly it is X-X-ray expanded sectional view.

[Drawing 3] Similarly it is a Y-Y line expanded sectional view.

[Drawing 4] It is the perspective view showing the interior approach of a blade similarly.

[Drawing 5] It is the front view of the second example.

[Drawing 6] Similarly it is an X'-X' line expanded sectional view.

[Drawing 7] Similarly it is a Y'-Y' line expanded sectional view.

[Drawing 8] It is the perspective view showing the interior approach of a blade similarly.

[Description of Notations]

It can set in the first example. 1 Body 2 Ctenidium 3 Handle 4 A blade, 8 Piece of a lid. It can set in the second example. 1' Body 2' Ctenidium 3' A handle, 4' Blade 8' Piece of a lid.

[Translation done.]

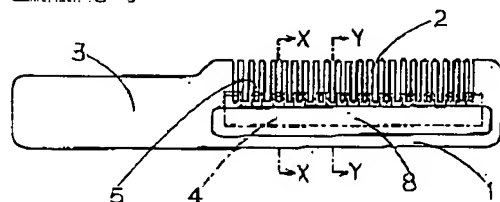
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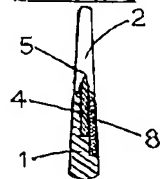
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DRAWINGS

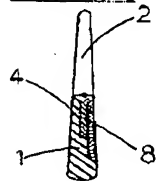
[Drawing 1]



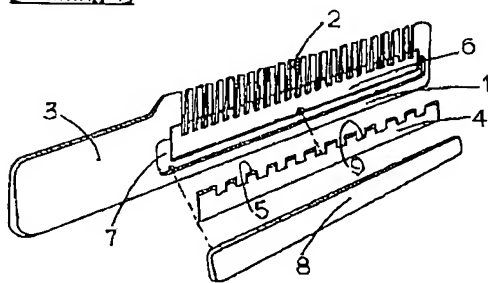
[Drawing 2]



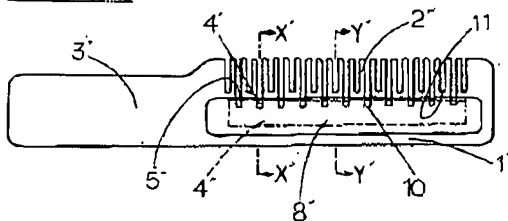
[Drawing 3]



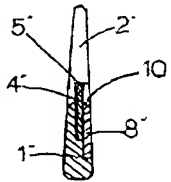
[Drawing 4]



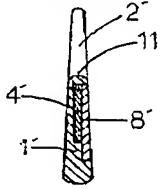
[Drawing 5]



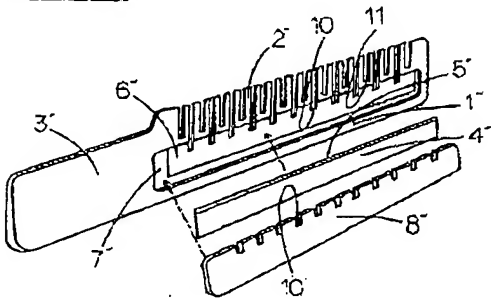
[Drawing 6]



[Drawing 7]



[Drawing 8]



[Translation done.]